

FIGURE 1a
(SEQ ID NO: 1 and SEQ ID NO: 2)

TTTAATCATG	GAATATTC	AACATACAGA	AAAATCACAG	AAAATAAATA	ACAACCAC	ATTATCTTC	-1101	
TCCCCAACCC	CATGTAATAA	ATATTAAAAT	ATTGTGTTAA	ATGCTAAATT	TAACACATGC	TAAAGGTTC	-1031	
TGGCTGGATG	TGGTGGCTCA	CGCCTGTAAT	CCCAGTACTT	TGGGAGGAGG	AGGTGGGAGG	ATTGCTTGAG	-961	
TCCAGGAGCT	CGAGACCAGC	ATGGGCAACA	TAGTGCGATC	TCGTCTCTAC	AAAAAAACAAA	AAAATTAGCT	-891	
GGGCATGGTG	GTGTGCATCA	GTAATCCCAG	TGACTGGAG	GCTGAGGTGG	GAGAATTGCT	TGAGTCTGGG	-821	
AATTGAGGC	TGCAGTGAGC	CCTGATCATG	CCACTGCATT	CCAGCATGGG	CGACATAGCA	AAACTTGTCA	-751	
AAAAAAAAAA	AAGTTTCCTC	TCTGCCAC	CATAGACAAC	CACTCTCTG	ATTTCTATCT	TCGTAGATGA	-681	
ATTTTGC	TTCTCTTGTA	TATGAAAGGA	ACCAGACATT	AGGCATTCTG	GTGTCTGGTT	TCTTTCAC	-611	
AAGATAAAAT	TGAGTTAAC	TGTATTGTTG	TACAGAACTG	CAGTTGTTC	TTTGTATTT	ATTGTAAGA	-541	
CAGGGTCTGG	CTATGTTGCC	TAGGCTGGTC	TCGAACGT	GGCCTCAAGC	AATCCACCTG	CCAAGCTCTG	-471	
GGACCACAGG	CATGAGCCAT	GGCATCTGAT	CKGTAGTTG	ATCTTATTTC	TTGCTGAGTA	GTAGCCCAGT	-401	
AP1	<u>GCATGACTTT</u>	<u>ATTATTTGG</u>	<u>GTGTCCATT</u>	<u>TCCTCTGGAG</u>	<u>GGGCTCTGCT</u>	<u>TTTGAAACC</u>	<u>ACACCCCTGGC</u>	-331
Ets	<u>CTAGCTCCCC</u>	<u>TTCTCCCTGC</u>	<u>CTCTCTGCAG</u>	<u>GCTCACATCC</u>	<u>ACATGCCAAG</u>	<u>ACCTCTGCAG</u>	<u>CCATTCTGCT</u>	-261
Ets	<u>TCCTGTCC</u>	<u>CCACTCCTGT</u>	<u>GGGACCTCAG</u>	<u>AGAGCTACGG</u>	<u>GGCTCCCTGG</u>	<u>GTACCAA</u>	<u>GCTCCTGAGG</u>	-191
Sp1/Sp3	<u>CCTGGGGGAG</u>	<u>GGTGGCTTC</u>	<u>TGGGAGAAGG</u>	<u>AAGCCAGGTC</u>	<u>CCTGCAGGTT</u>	<u>Sp1/Sp3</u>	<u>GTGGAGGGGG</u>	-121
GGTTTTCCC	CAGGATGTTG	TTGGCCCTG	CCCCCACTTC	TGTTCCATAA	TTAACCAACGC	Ets	<u>CCCTCCTACC</u>	-51
CACTGTGCC	CTCTTCC	TGTGTGGAGG	CCCTGAATCA	TTATTTAAC	TACCCCTGG	+1	20	
Ets	<u>ACCTTCTGTG</u>	<u>CTCTGTCCCC</u>	<u>Ets AACCTTCCAC</u>	<u>TTCCCCTCAA</u>	<u>CGCGCTGCTC</u>	<u>AGGGATGACC</u>	<u>M T</u>	90
						P G T		

FIGURE 1a (continued)

TGCTTCTTCT	GAGTG <u>gta</u> ag	tggggccagg	gtgctggga	gaagcttga	ggagttctga	ggggactcca	160
V L L L S	tctgggaggg	caggctgggg	gctgggtggc	ggctccaacc	actcttatga	ggagctgagg	230
caggggagtg	cttcatgtgc	gagtggcccg	gagtcagtag	agtgtgacct	aatgaagag	gggctcaggg	300
gctgtgctca	ggtggcgact	aagctacctc	tccagctggc	tatgttgc	caggctccc	tgctccact	370
catggagtc	ctgggtgtgg	tgacagaggt	ctccccagcc	tccccccggg	gtgaaagcc	acagaagcca	440
ccagggaggg	ggaaaggttg	gacatcacct	ccctgggcct	nnnnnntccc	ccaagtcctg	actgcacgta	510
gggaagaggc	cccctgctga	aaactgcac	agagtcacat	INTRON 1	tcaaaaatca	ggcttggctg	580
ggtgcggtgg	ctcatgctta	taatcccagc	actttgggag	tcacgtgcca	tgaggtcagg	agtttgtgac	650
agtttgtgac	cagcctggcc	aacatggtga	aaccccatct	ttacaaaaaa	tataaaaatt	agccgggcat	720
ggtggcgtgc	acttgtaatc	ccagctactt	gggaagctga	ggcaagagaa	tcgcttgaac	ccaggagacg	790
aaaaaaaagaa	tgagctgaga	tcgtgccgtt	gcactccagc	ctcagcaaca	gagcgagact	ccatctcaa	860
aaaaaaaagaa	aaaaaaagaaa	aagaggctgg	gaggtcctag	ggattgggc	ttctttaact	cccagcctcc	930
ccgcccacca	aatattcctc	ag <u>TCCTGGCT</u>	TCTTATCATG	GATTCAACCT	GGATGTGGAG	GAGCCTACGA	1000
		V L A	S Y H	G F N L	D V E	E P T	

FIGURE 1b
(SEQ ID NO: 1 and SEQ ID NO: 2)

TCTTCCAGGA	GGATGCAGGC	GGCTTTGGC	AGAGCGTGGT	GGAGTCTGGT	GGATCTC <u>ggt</u>	aggcccact	1070
I F Q E	D A G	G F G	Q S V	Q F G	G S R		
			INTRON 2 (3019 bp)				
cccccaagt	cccgctgctc	ccacccctcc	tgtggctgca	tgacatggc	tctcc <u>agACT</u>		
C GTGGTGGG A	GCACCCCTGG	AGGTGGTGGC	GGCCAAACCAG	ACGGGACGGC	TGTATGACTG	CGCAGCTGCC	4080
V V G A P L	E V V A	A N Q	T G R	L Y D C	A A A		4150
ACCGGGCATGT	GGCACCCCCAT	CCCGCTGCAC	Agtgagtgac	caccttggaa	ttggggccct	caaccctccct	4220
T G M C Q P I	P L H	INTRON 3					
ggaccccaact	gtgccccsgc	ttagcttcca	gtccagacct	tcccccggaaa	ttagtgtgtg	ctgtgagtga	
gaccccccgt	gtctggccct	gca <u>q</u> rcGCC	CTGAGGCCGT	GAACATGTCC	TTGGGGCTGA	CCCTGGCAGC	4290
CTCCACCAAC S T N G S R	GGCTCCCGGC	TCCTGgtgag	P E A V	N M S	L G L	T L A A	4360
gtgttgttgg	ggaggaggct	L L	tgagtgctt	999ccacggg	9999tgggt	9999cggggg	4430
cttcgcctc	caggCCTGT	GCACGGCCT	GCACAGAGTC	TGTTGGGAGA	ACTCATACTC	AAAGGGTTC	4500
A C	G P T L	H R V	C G E	N S Y S	K G S		4570
TGCCCTCTGC C L L	TGGGCTGGC	CTGGGAGATC	ATCCAGACAG	TCCCGGACGC	CAGCC <u>AGgt</u>	aggccctcg	4640
S R	W G S R	W E I	I Q T	V P D A	T P		
caggagctgc	aggagggggt	tggggcccg	cagtgcatct	ccgattccctc	cccattcccc	cac <u>aqAGTGT</u>	8840
					E C		
CCACATCAAG P H Q	AGATGGACAT E M D I	CGCTTCTCTG V F L	ATTGACGGCT I D G	CTGGAAAGCAT S G S I	TGACCAAAT D Q N	GACTTTAAC	8910
AGATGAAGGG Q M K G	CTTGTGCCAA F V Q	GCTGTCAATGG A V M	G Q F E	GGGCACTGAC G T D	T L	D F N	8980
aacaatagta	acaggcactg	agccctggc	cctcccccact	ggcccttttgc	qTTTGACTG	ATGCAGTACT	10240
CAAACCTCTT	GAAGATCCAC	TTACCTTCA	CCCAATCCG	GACCAAGCCG	F A L	M Q Y	
S N L L K I H	F T F	T Q F R	T S P	AGCCAGCAGA		GCCTGGTGG	10310
TCCCATCGTC P I V Q L K	GAACGAAAG G L T F	T A T	G I L	CAGTGGT <u>gt</u> a	S Q Q	S L V D	10380
gacccca	INTRO 7				T V	aaggcaaccc	

Sequence Range: -11390 to 10387
(SEQ ID NO:3)

Translational stop codon for CDllc

FIGURE 9
Protein Sequence: SEQ ID NO: 2

<u>TGATCCCTCT</u>	TTGCCTTGGAA	CTTCTTCTCC	CGCGATTTC	CCCACTTACT	TACCCCTCACC	TGTCAGGCTG	-11321
ACGGGGAGGA	ACCACTGCAC	CACCGAGAGA	GGCTGGGATG	GGCCTGCTTC	CTGTCTTGG	GAGAAAACGT	-11251
CTTGCTTGGG	AAGGGGCCTT	TGTCTTGTCA	AGGTTCCAAC	TGGAAACCCCT	TAGGACAGGG	TCCCTGCTGT	-11181
GTTCCCCAAA	AGGACTTGAC	TTCGAATTTC	TACCTAGAAA	TACATGGACA	ATACCCCCAG	GCCTCAGTCT	-11111
CCCTTCTCCC	ATGAGGCACG	AATGATCTT	CTTTCCTTTC	CTTTTTTTTT	TTTTTCTTTT	CTTTTTTTTT	-11041
TTTTTGAGA	CGGAGTCTCG	CTCTGTCACC	CAGGCTGGAG	TGCAATGGCG	TGATCTCGGC	TCGCTGCAAC	-10971
CTCCGCCCTCC	CGGGTTCAAG	TAATTCTGCT	GTCTCAGCCT	CCTGCGTAGC	TGGGACTACA	GGCACACGCC	-10901
ACCTCGCCCG	GCCCGATCTT	TCTAAAATAC	AGTTCTGAAT	ATGCTGCTCA	TCCCCACCTG	TCTTCAACAG	-10831
CTCCCCATTA	CCCTCAGGAC	AATGTCTGAA	CTCTCCAGCT	TCGCGTGAGA	AGTCCCCTTC	CATCCCAGAG	-10761
GGTGGGCTTC	AGGGCGCACA	GCATGAGAGC	CTCTGTGCC	CCATCACCCCT	CGTTTCCAGT	GAATTAGTGT	-10691
CATGTCAGCA	TCAGCTCAGG	GCTTCATCGT	GGGGCTCTCA	GTTCCGATTG	CCCAGGCTGA	ATTGGGAGTG	-10621
AGATGCCTGC	ATGCTGGTT	CTGCACAGCT	GGCCTCCCGC	GGTTGGGTCA	ACATTGCTGG	CCTGGAAGGG	-10551
AGGAGCGCCC	TCTAGGGAGG	GACATGGCCC	CGGTGCGGCT	GCAGCTCACC	AGCCCCAGGG	GCAGAACAGA	-10481
CCCAACCAC	TCCTATTTT	TGAGGCTATG	AATATAGTAC	CTGAAAAAAAT	GCCAAGCACT	AGATTATTTT	-10411
TTTAAAAAGC	GTACTTTAAA	TGTTTGTGTT	AATACACATT	AAAACATGCA	CAAAAAGATG	CATCTACCGC	-10341
TCTTGGGAAA	TATGTCAAAG	GGTCTAAAAA	TAAAAAAGCC	TTCTGTGGAT	ATGAGTCCTG	AAGGATGACA	-10271
CCCATGGGGT	CCCTTACCA	CGGTGGACCC	TGGCCAGCAC	TGAGGCCTGG	GGCCAGGACA	AGAAGTTAAC	-10201
CAGAGTAGGG	TTGTGAATAT	CCCTCTTTG	GAAGTAACCT	GACCTCTTAA	TCTGCTCACT	CCACTCTCAG	-10131

FIGURE 9 (continued)

GGCTGGTGCC	GATGGTAAGC	TGGTGGAGCT	GTCGGGTGGA	GGGGGCATAG	AATAGAGAAG	GGACAACCTC	-10061
CAGTGGCTAC	TTTTCCACCT	GGAAAGGTCT	CTGGAGTGAC	CAATACTCAC	AAGCGTTCC	TACAAGTCCT	-9991
AGGATGTGTT	GAAGGGCACA	CTGTCTGCAT	ATAGTGAGTG	ATTGAAGAAC	ATGTTGGGT	CCCACATTGA	-9921
GAGCTGCTGC	CCACAATAAG	GTCATTCTTG	CTATTATGCC	ACCATCCTGG	CATAAAGTTC	ATCATGGTGC	-9851
TTGGCACTGA	GCTGGGGGCC	TCACAGGACA	AGCCATTCCCT	GACCTCGGAG	TGACGCCACT	GCAGCTATCA	-9781
CCAGCAAGGG	ACCCGGGCG	TGTGGATGTT	TCAATTAGAA	AAACAGAAGG	GAGGCAGTTG	AGTGATTTGA	-9711
AGGGAAGATG	GAAAGTGGCC	CTTTACCTCC	AGCCAAAAAT	GTCTGTCCTA	TACATCAGCA	GAGGCTCCAA	-9641
AATCCCTGTG	GATTTTGAAG	CTTTGAGTC	CCCAGGATGA	CTAATTATTA	TGCAGTTCC	TCAGAAAGGG	-9571
AATCAGAAGA	TAAGGCTTTG	TAAGAATTCA	GCCCTAATGG	CTGGGCACAG	TGGCTCATGC	CTGTAATCCC	-9501
AGCACTTTGG	GAGGCCGAGG	CAGGAGGATT	GTTTGTGCTC	AGAAATTTGA	GACCACCCCTG	GGTAATATAT	-9431
TGAAACCTTG	TGTCTACAAA	AAAATTAAA	AATTACCCAG	GCATGGTGGC	ATGTGCTTGT	AGTCCCAGCT	-9361
ACTTGGTAGG	CTGAAGCAGG	AGGATCACTT	GAGCCTGGGA	GGTTGAGGAT	ACAGTGAGCT	GTGATTGGGA	-9291
CCACCACACT	CCAGCCTGGG	CAACAGAGAA	AGATCATGTC	TCAGAAAAAA	AAAAAAAAAT	TGACCCCTAGA	-9221
GTGGTGTTC	TCAAAATGTG	TTCCACGAAC	CACTGGTGGT	CAATGATGGT	CTTCTAAAGTG	GAAGGTTTA	-9151
GAGAAAAAGA	GCAAGAAACC	CATACATCTC	AAACATTGAA	AACTAGTGAT	TTGCACAGAA	ATAGTGTGTTG	-9081
GGCCTTAATA	ATTGTGTGGC	ACACGGACTC	CAGGGACTAC	AGTGGGTTCT	TGTCTAAATT	CAGGCAACAA	-9011
GTTGTTATTT	TCTATTTTAT	TTTATTATTA	TTATTTTTG	AGATAGTCTC	ACTTTGTCTC	CCGGGCTGG	-8941
GTGTAGTGGC	ACGATCTCGG	CTCAACGCAA	CCTCTGTCTC	CTGGGTTCAA	GTGATGCCTC	TGCCTCAGCC	-8871
TCCCAAGTAG	CTGGGAGTAC	AGGGCGTAC	CACCATGCC	ATTTTATTT	ATTTATTTTT	GAGACAGAGT	-8801

FIGURE 9 (continued)

CTCGCTCTGT	CACCCAGGCT	GGAGTGCAGT	GGCATGATCT	TGGCTCACTG	CAACCTCCGC	CTCCCAGGTT	-8731
CAAGTTCAAG	CGATTCTCCT	GCCTCAGCCT	CTGGAGTAGC	TGGGATTACA	GGCAGGCACC	ACCATTCCA	-8661
GCTAATTTT	GTATTTTAG	TATAGATGGG	GTTCACCAC	GTTGACTAGG	CTGGTCTCGA	ACTCCTGACC	-8591
TCATGATCCG	CCCTCCTCGG	CCTCCGAAAG	TGCTGGGATT	AGAGGTATGA	GCCACTGTAC	TTGGCCGACA	-8521
AGGTGTTATT	TTCTGATATT	CTTCCTTGT	GTGTTATTGT	GTACATTTGT	TACATTTGCA	TTTCAGGGT	-8451
TGGCTATTGT	GTTGCATTAG	ATCCCCGAAT	CACAAAATGG	ATCAATGGCT	CAAAAGCATG	GAAGTTGTGA	-8381
TTAAAAACTA	ATCTAATTGC	TACAATTTAC	AATAATGTCA	TCAAAGTCAA	TATTGACTTT	TAAATATTGA	-8311
GCCCAGTGCA	CGTATAGTAT	AGACATGCAT	ACCGGAATAA	GTGATTGTGA	GCCAAAACCC	GAAAATATCT	-8241
AGAAGGTATT	ATACTCCCTG	ACAGGTAGGT	TGTATTGGTT	CTGACATGTA	TTTGTCCCTA	GTGTGCTGCC	-8171
CATTCTGAAA	CTTTATCAAA	CAGTCGCATG	AACCTCTGAA	AGCTTTGTG	TTATTTCTT	ATTTATTAT	-8101
TTATTGAGAT	GGAGTCTTGC	TCTGTCGCC	AGGCTGGAGT	GCAGTGGCAT	CATCTGGCT	CACTGCAACC	-8031
TTTGCCTCCT	GGGTTCAAGT	GATTCTCCTG	CCTCAGCCTC	TTGAGTAGCT	GGGATTACAG	GCGCGCACCA	-7961
CCACGCCAG	CTAATTTTG	TATTTTAGT	ATAGACGGGG	GTTCACCAC	GTTGGTCAGG	CTGGTCTCGA	-7891
ACCCCTGACC	TCATGATCTG	CCTGCCTCAG	GTAAAGCAAT	AGAGATTCTT	AGAACAACTG	CTACATGTAG	-7821
CTTTCCTATT	CAAAAGTGAT	TAGTGTGTC	ACCGAATACA	GAGGAGACAG	CAAAACCACA	GTGACATAAA	-7751
TCAAAGGTGC	TTTTTAAAGT	AGCAAAAGTA	GGTACAAGTC	ACATAATTTC	CAAGAAGCTT	GTAGAAATGG	-7681
CAGTAGAGTT	CATACCTGCT	ATTGAAAGGT	TGCTTTGGC	TGCAAATAAT	AGAAAAAAAC	AAAAGCATGT	-7611
AAGAGCAGAC	AGAAGACCTT	TACTCTGCAA	GAGGTTCAAGG	TGCAGGTTAG	TGTTTAATGC	AGAGTCTCAG	-7541
CATTGACAGA	TTCTTCTGA	TCTTCCAATT	GATCGTCCTT	GCAGGGGGCGG	TTTAGTTCTT	TCCCACTGAC	-7471

FIGURE 9 (continued)

TAGGATTGGG	TCAAATTCCA	TCCCCTTGGT	TGCATGCAGT	GCTGAGAAGG	TGAGCATGTG	CTTTTCACAG	-7401
GCTTAATAAA	AAGAGGTAGC	TCCAGCCAGG	TGCAGTGACT	CATGCCCTATA	ATCTCAGCAC	TTTGGGAGGC	-7331
AGAGGTGGGT	AGGTCACCTG	AGGTCAAGGAG	ATTGAGAACCC	AGCCTGACCA	ACATGGCAAA	ACTCTGTCTC	-7261
TACCGAAAAT	ACAAAAAATTA	GCTGGGCATG	GTGGCAGGTG	CCTGTAATCC	CAGCTACTTG	GGAGGGCTGAG	-7191
GCAGGGAGAAT	CGCTTGAAACC	TGAGAGGTGG	AAGTTACAGT	GAGCTGAGGT	CATGCCACTT	GCACCTCCAGC	-7121
CTGGGGGACA	GAGTAGAACT	CTGTCTCAAC	AAAAAAAAAAA	AAAAAAAGAG	AAAAAAAAG	GAGGGTAGCT	-7051
CCACCAGCCA	GGAAGGTGGC	AGCGCTGGTG	GCTGTTGGAT	AGGCTACCTA	CAGTGTCTGG	CAAATACTAT	-6981
GCTTGAAGAC	TATGCTGTGA	GCAAGATTCC	TTTGTGAAGG	AACAGCTTGG	ACATTGTGTA	TGTCAGAGGT	-6911
ATACAGCAGA	ATAGCAGTGA	CTAACGCTTG	TGTGGGAGAG	CAAGCATGTC	ACCTCATACT	TGGAATAACT	-6841
CACTGCCATA	CAAAGTCTGA	ATCAGCTTTC	GTCTTGTGC	AACACATGTA	TGTGGGAGCT	TTTCAGCTGC	-6771
TGAAACCTCT	AGTGACAGAA	AAGGAGGTTT	TGTTGTTCAT	TTGTAATTAA	TGTTAATCCT	ATGAGTGGTG	-6701
GGAGAGATAG	TGAGGTAGGA	GATCAGCAGG	ACCTGTTTC	TGGTCACAAC	CCAGCTAATC	AGAGCATGAT	-6631
CTGGTCAAGA	TGGGATGCAC	TAACCAACCA	GCCCCAACCA	GCAGATGGCC	AGGAAAGCAA	ACTCTCATTA	-6561
CCCTCGCCAC	TTATTAGCAT	AAAGACACTC	CCACCGGTGC	CATGACAGTT	TACAAATGCC	ATGGAAACAC	-6491
ACCATAGCAA	CGGTCAAGCA	GTTACCTCAT	ATGGTTCTGG	AAACTCCCCA	CACCTTTCC	AGATAGTTCT	-6421
GAATAACCCA	CCCCTTAATT	TGCATGTAAT	TAAAAGTCGG	TATAAGTACA	GTTAGCCAGC	AGCCCACCTGG	-6351
CTGCTACTGT	GGGCTCACTG	CCTATGGGTT	GTCCTGCTCT	GCAAGGAACA	GCTACCTTGC	TGCCACTGCT	-6281
GCTTCATAAA	ACCTGCTTTC	TTCCACCACCA	GGCTCGCTCT	TCAGTTCTTT	CCTGAGCAAA	GTAAAGAACCC	-6211
CTCCCGGGCT	AAGCCCCAAT	TTTGGAGCTT	GCCTGCCCTG	CATCAGTAGA	ATGGGCTAAC	TACTTACGGT	-6141

FIGURE 9 (continued)

GCACTCAGGC	TAAAGAGGCT	GATGCTTGCA	GGGCAGTATT	CACAGAGCAC	ACGGTAGTTC	ACGGGATGCC	-6071
TCTCACCCCTT	GACTCAGTGC	TTAAGAAAGG	AGGGAAAATG	GTGAACATGA	TCAAATCATG	GCCATTGCCT	-6001
ATTCATCTTT	TCAGTGTGTT	ATGGAGGAAT	AGGCAAGTAG	GAGATTGCTT	TTCACATTAA	TGTCAAAGAG	-5931
AAAGATAGTT	ACTTGGAACT	TAAAAAAATT	AATTGTGATA	AAATATACAT	AACATAAAAT	TTACCATCTT	-5861
AACCATTTTT	AAGTATAGCC	AATCTCAAGA	GCTCTTCTA	TCTTGTAAAA	CTGAAACCT	ATACCCATTA	-5791
AACAACCTCCC	AATTCTCCCC	TTTCCCTAAC	TCCTGGCAAC	CACAATTCTT	TCTGTCTCTA	TGAATTGAC	-5721
TGCTTTGGCA	TGTCATAGAA	ATAGACTCAT	ACAGCATTG	TCTTTTGCG	ACTGGCATAT	TTTGCTTAGC	-5651
ATAATGTCCT	CAAGGTTCAC	CCATGTGGTA	GCATGTGTCA	GAATTCCCT	CCTTTGAAG	GCTGAATAAT	-5581
ATTCCATTGT	GTGTATATAC	CACGTTTGT	TTATCCATT	GCCCATCAAT	GGGCATTG	GTTGCTTTT	-5511
TTGCCTCTCA	TGAATGATGA	ATATGGGCGC	ACAAATATCT	CTTCAAGACC	ATGCTTCAA	TTCTCTGGG	-5441
TATACACCCA	GAAGTGAAT	TGCTGAATCA	TATGGTAATT	TTTTTTTTT	TTTGAGACAG	AATCTTGCTC	-5371
TGTTGCCAG	GCTGGAGTGC	AGTGGCACAA	TCAGAGCTCA	CTGCAGCCTT	GGTCTCTGG	GCTCAAGCGA	-5301
TCCTCTTGCT	TCAGCCTTCC	GAGCTTCTGG	GACTAAAGGT	GTGTGCCATC	ATGCCTGGCT	AATGTTTAA	-5231
AAACGTTGCC	AGGCATGGTC	GCTCGTGCTT	GTAATCCTAG	CACTTGGGA	AGCTGAGGCA	GGTGGATCCC	-5161
CTGAGGTCAG	GAGTTGAGA	CCAGCCTTGC	CAACATGGT	AAATCCCGCC	TGTACTAAA	ATACAAAAT	-5091
TAGCTGGGTG	TGGTGGCATG	TGCCTGTAGT	TCCAGCTACA	GGCAGGAGAA	TTGCTGGAAC	CTGGGTGGCA	-5021
GAGGCTGCAG	TGAGCCGAGA	TTGCACCACT	GCACTCCAGC	CTGAGTGACA	GAGTGAGACT	CTGTCTCAA	-4951
AAAAAAAAAA	ATTTTAGAGA	TGGTGTCTCA	CTGTGTTGCC	CAGGCTGGTC	TTGAACTCCT	GCCCTAAAGT	-4881
GATCCTCCTG	CTTCCGCCCTC	CCAAAGTGCT	GGGATTACAG	GCATTAGCCA	CCATGCCTGG	CCTAGCTAAA	-4811

FIGURE 9 (continued)

TTGTCTTAA	TGTCGCATGT	CTGCAAAAAA	CACATCTATA	AAGCTAGAAA	AGTTGAGCAT	CCAACTTTT	-4741
ATGATTTAAC	TCTCATGACC	TGGCAATT	TCTAGCAAGG	AGCCTGGGCT	GGTGGTTTA	GGAGAACTGA	-4671
GTGAAAAAAA	GAAATACATT	AACTAGATTG	GATGCAAAGT	GCCTGCTGGT	CATGGGTGTT	TTCTGCTGGC	-4601
CCCTGTTCAT	CTGTGCCTGT	TAGCCCACCC	ATGGGTGAGT	GGGGCAAAGT	GGCCAAACTG	ATTCTTAAGA	-4531
GAGGCATACA	TGCAGAACCT	AAGTTAGTCA	TGATTCGTT	TCTAGTCTGA	GTGAATGTGT	GTCCAGAATA	-4461
TTTTATAAAC	TTTATCAGCT	CAGAGGGAA	AACCTGTCTC	CATACTACGT	GGTTTATACA	AAGCTGTCAG	-4391
GAATTCAAGCA	TGATGAAGAA	ATGCACAAA	CAAGTGTGAA	CAGATAAGTA	AAAGGATCTA	CTGAAAATCT	-4321
TCAGGGTAGT	ATATTGTGTG	ACAGGACCAA	GAATTTGAAG	TCAACATCTG	TATTTGTGCC	CTCTGGACAA	-4251
AGGTATTATC	CCTGATGATA	TAAAAATTAA	TTTTGGCTG	GGTGTGGTGG	CTCATGCC	TAATCCCAGC	-4181
ACTTTGGGAG	GCTGAGGAGG	GTGAATCGAC	TGACGTCAGG	AGTTGGAGGC	CAGCCTGTAT	CGACTAATAA	-4111
TACAAAAAAA	TTAGCTGGAC	ATGGTGGCGT	GCACCTGTAA	TCCCACTAC	TCAGGAGGCT	GAGGTGGGAG	-4041
AATTGCTTGA	ACTCGGGAGG	CCCAGGTTGC	AGTGAGTCGC	ACCAACTGCAC	TCTAGCCTGG	GCGACAGAGT	-3971
GAGACWCCGT	CTCAAAATAA	ACAAAATTAA	TTTCGAGGCC	AGGTGCAGTG	GCTCCAGGTG	CGGTGGTTCA	-3901
TACCTGTAAT	TCCAGTGCTT	TAGGAGGCCA	GAGGATTGCT	TGAACCCAAC	AGTTCGAGAT	CAACCTGGC	-3831
AACATCAGTG	AGACTCCATC	TGTAGAAAAC	AATCAAACAG	ACAAACAACA	ACAACAAAAA	AACCAGAGGT	-3761
GGGAGGATCA	CTTGAGGCCA	GGAGTCCGAG	GCTGCAGTGA	GCTATGGTCA	CGCCACTGCC	CTCTAGCTTG	-3691
GGCAACAGTG	CCAGACTCTG	TCCTTAACAA	CAACAACAAC	AAAAATTAAT	TCTACTTTAA	CTGTCAGTTT	-3621
CATGATATCC	TTCTATTAAG	AAAAACCTT	TCTATCTGAT	GAACATATTGG	CTAGGTTTC	TTTCTCTCTG	-3551
CTTTTGACTA	ATGCATTTAA	TTACTTCTA	TTGCAAACTC	TATCCTTCTC	ATCAACTTTG	TATTTAGAT	-3481

FIGURE 9 (continued)

GTGTCTATTG	ACAGCCTGGC	TTCCCTCAGC	GATCATTATG	ATGATCAAAG	TAGATGAATA	GGTAAAATTC	-3411
AATGCAAATA	TTCCAGGGCA	TCTAAATCCA	TACCCCCAAT	GGGAAAAGGG	GAGAATTGGA	AGCCAGCAAT	-3341
TTGAACACAT	TACTATGGAT	GTATTTTCT	CATGCGGGGG	AAAAAAGTGAT	TTGGAGAGAG	AGAATTATGA	-3271
ATGCATGTGA	AGAATAAAAGC	CAAATTCCT	GGGAGGAGGG	GAAGACCAGG	AGAAACAAAA	CCAAATCCTG	-3201
GCTGTGGCCT	CTAACGGCATG	GGGACCTGGA	GTTATGCTCT	CCAGGCAGAC	ACAGCTCATT	CTGGAGAAAG	-3131
GCTGCAAAAA	TATTCTCCTT	CACATTGATT	TGAAAACAAT	TATTAATTC	TTGTTTCTT	ATTTATCTAA	-3061
GTGTAACCTT	TTAAAACCTTA	CTGAGAGAAG	ACGGGCACGG	TGGCTCACTG	CTGTAATCCA	GTACTTTGGG	-2991
AAGTCAAGGC	AGGTGGATCA	CCTATGGTCA	GGAGTTCGAG	ACCAGCCTGG	CCAATATGGC	AAAACCCCGT	-2921
CTCTACTAAA	AATACAAAAA	TTATCAGGTG	TGGTGGTGTG	TGCCTGTAAT	CCCAGCTACT	CGGGAGGCTC	-2851
AGACAGGAGA	ATCACTTGAA	CCTGGGAGGC	AGAGGTTGCA	ATGAGCTGAG	ATTGCACCAC	TGCACTCCAG	-2781
CCTGGGCGAC	AGAGCAGGAC	TCCATCTCAA	AATAAAAATT	AATTGATTAA	TTAATTAAAA	ATTTACTGAG	-2711
AGCTGGTGGT	TCCTTTAAGG	GTGGAGCCGC	CATCAAGTCC	CCAGAGGATG	CCCTGAATT	GGGGGCATCA	-2641
CCTTCAGCTG	CTGTGGACTC	TGAGCCTTGG	CAGCTCCAGC	TCCAGGCCTG	GGAGAAAGAT	GATTCCTGG	-2571
CAGCGTGCAG	TGATTGTGAG	CATTTGACTA	CCTTAECTGCA	TTTGCCCTT	ATCAKTGCTC	TCCAAACATG	-2501
AGTGGAAAAC	AAAAAATT	GCTGAGACAA	GCGATAATAC	GAGTTAGGGA	AAGTTGGAGA	ATTTTATAGT	-2431
TGCTGATATC	AGCAAATCGT	GAGTTCAAG	CACTAACTTA	CAGAAGGAAG	TCCAAAATTA	AAGGGATAT	-2361
AGAAATGTGT	AAAAGATGAG	GTGTGGTGA	GATGGAGAAA	ATGAAGAGCT	CTTTAAATT	CTGAATTATG	-2291
AAGAACATCACC	AACAAATTAT	TTTGTGGTTC	CAAATACAGG	GAGAAGTTCA	CAGATCCACA	GAACGTGATGA	-2221
CAGGGTGCAG	CCAGCCACAA	ACCTTCAGC	ACAAGAGGGA	GAAGGCTGCC	GCTCCACTT	GCCTGGGCAG	-2151

FIGURE 9 (continued)

TCTTTGTAAG	GCAGTAGATA	AGTCAGCCTC N486	GAAGTTAGCA	ATCACAGCCC	TCGGCTCGGT	TTCCCTGCAAG	-2081
GGCATCGTTA	ATGCATCACA	ATTAATTCT -2052	TCTGTCCATT	AAATGTCAGC	TCTCAAGTAA	ATTGATGTAA	-2011
AATTTTGTA	TAGAAAACTA	TTTCATATTA	TTTGCACTTG	ATGTTAATT	ACATTTAAA	TGTTTGTGTT	-1941
GTTTCATTTT	GTGTTGTTT	TGAGACAGAG	TCTTGCTCTG	TTGCCAACGC	TGGAATGCAG	TGGTGTGATC	-1871
TTGACTCACT	GCAACCTCTG	CCTCCTGGGT	TTAAGCGATT	CTCCTGCCTC	AGCTTCCTGA	GTAGCTGGGA	-1801
TTACAGGC GT	GCACCACCAT	GCCTGGCTAA	TCTTTGTATT	TTTAGTAGAG	ATGGGGTTTC	ACCATGTTGG	-1731
CCAGGCTGGT	CCCGAACTCC	TGACCTCAAG	CTATACACYT	GCCTCAGCCT	CCCAAAGTGC	TGGAATTACA	-1661
GACATAAGCC	ACTGTGCCA	GCCAAATGTT	TTAAATAATT	GTCACATATA	TATACAAAAT	AATTTATGTT	-1591
ATAGGTAGGG	ATCTTGTTAT	ATTTAACCT	TCAAAGTATA	TTCCTAAGCT	TTTTATTAT	TTTTTATTGTT	-1521
TTATTTATTG	AGACAGTCTT	GCTCTGTCGC	CCAGGCTGGA	GTGCAGTGGC	GCAATCTCGA	CTCACTGCAA	-1451
ACTCTACCTC	CTGGGTTCAA	GCGATTCTCC	TGCCTCAGCC	TCCTGAGTAG	CTGGGATTAC	AGGTGCGCAC	-1381
CACCATGCC	AGCTAATT TT	TGTATTTTA	GTAGAGACGG	GGTTTCACCA	TATTGGCCAG	AGCTGGTCTC	-1311
AAACTCCTGA	CCTCAGGTGA	TCCATCCACC	TCAGCCTCTC	AAAGTGCTGG	GATTATAGGT	GTGAGCCACT	-1241
GCGCCTGGCC	TATTCCCTAGC	CTTTTATATA	TAGACCTTTT	TCTTTTCAC	ATTTAAAGG	AACTTTATG	-1171
TTTAATCATG	GAATATTTCA	AACATACAGA	AAAATCACAG	AAAATAAATA	ACAACCACTC	ATTTATCTTC	-1101
TCCCCAACCC	CATGTAATAA	ATATTAAAAT	ATTGTGTTAA	ATGCTAAATT	TAACACATGC	TAAAGGTTCC	-1031
TGGCTGGATG	TGGTGGCTCA	CGCCTGTAAT N485	CCCAGTACTT	TGGGAGGAGG	AGGTGGGAGG	ATTGCTTGAG	-961
TCCAGGAGCT	CGAGACCAGC	ATGGGCAACA	TAGTGCGATC	TCGTCTCTAC	AAAAAACAAA	AAAATTAGCT	-891
GGGCATGGTG	GTGTGCATCA	GTAATCCCAG	TGACTGGGAG	GCTGAGGTGG	GAGAATTGCT	TGAGTCTGGG	-821

FIGURE 9 (continued)

AATTTGAGGC	TGCAGTGAGC	CCTGATCATG	CCACTGCATT	CCAGCATGGG	CGACATAGCA	AAACTTGTCA	-751	
AAAAAAAAAA	AAGTTTCCTC	TCTGCCAAC	CATAGACAAC	CACTCTTCTG	ATTTCTATCT	TCGTAGAT	681	
ATTTTGCCCA	TTCTCTTGT	TATGAAAGAA	^{AP1} ACCAGACATT	AGGCATTCTG	GTGTCTGGTT	TCTTTCAC	611	
AAGATAAAAT	TGAGTTAAC	TGTATTGTTG	TACAGAACTG	CAGTTTGTTC	TTTGTATT	ATTGTAAGA	541	
CAGGGTCTGG	CTATGTTGCC	TAGGCTGGTC	TCGAACGT	GGCCTCAAGC	AATCCACCTG	CCAAGCTCTG	471	
GGACCACAGG	CATGAGCCAT	GGCATCTGAT	CKGTAGTTG	ATCTTATTC	TTGCTGAGTA	GTA	401	
^{AP1} GCATGACTTT	ATTATTTGG	GTGTCATTC	TCCTCTGGAG	GGGCTCTGCT	TTTGAAACC	ACACCCCTGGC	331	
Ets	CTAGCTCCCC	TTCTCCCTGC	CTCTCTGCAG	GCTCACATCC	ACATGCCAAG	ACCTCTGCAG	261	
Ets	TCCTGTCC	CCACTCCTGT	GGGACCTCAG	AGAGCTACGG	GGCTCCCTGG	GTACCAA	191	
Sp1/Sp3	CCTGGGGGAG	GGTGGTCTTC	TGGGAGAAGG	AAGCCAGGTC	^{Sp1/Sp3} CCTGCAGGTT	GTGGAGGGGG	ACAGAATGAG	121
GGTTTTCCC	CAGGATGTTG	TTGGCCCTG	^{Sp1/Sp3} CCCCCACTTC	TGTTCCATAA	TTAACCAACGC	^{Ets} CCCTCCTACC	51	
CACTGTGCC	CTCTCCTGC	Sp1/Sp3TGTGAGG	CCCTGAATCA	TTATTTAAC	+1 TACCCCTGG	GAGGGTGAGC	20	
Ets	ACCTTCTGTG	CTCTGTCCC	^{Ets} AACCTTCCAC	TTCCCTCAA	CGCGCTGCTC	AGGGATGACC	TTGGCAGCTG	90
TGCTTCTCT	AGTGGTAAG	TGGGCCAGG	GTGCTGGGA	GAAGCTTGA	GGAGTTCTGA	GGGGACTCCA	160	
V L L L	S V							
TCTGGGAGGG	CAGGCTGGGG	GCTGGTGGTC	GGCTCCAACC	ACTCTTATGA	GGAGCTGAGG	CAGGGGAGTG	230	
CTTCATGTGC	GAGTGGCCCG	GAGTCAGTAG	AGTGTGACCT	GAATGAAGAG	GGGCTCAGGG	GCTGTGCTCA	300	
GGTGGCGACT	AAGCTACCTC	TCCAGCTGGC	TATGTTGTCC	CAGGCTTCCC	TGCTCCCAC	CATGGAGTCC	370	
CTGGTGTGGG	TGACAGAGGT	CTCCCCAGCC	TCCCCCGGGA	GTGGAAGGCC	ACAGAAGCCA	CCAGGGAGGG	440	
GGAAAGGTTG	GACATCACCT	CCCTGGCCT	NNNNNTTCCC	CCAAGTCCTG	ACTGCACGTA	GGGAAGAGGC	510	

FIGURE 9 (continued)

CCCTGCTGA	AAACTGCATC	AGAGTCACAT	TCACGTGCCA	TCAAAATCA	GGCTTGGCTG	GGTGCAGTGG	580
CTCATGCTTA	TAATCCCAGC	ACTTTGGAG	GCCGAGATGG	GCGTATCCCC	TGAGGTCAAGC	AGTTTGTGAC	650
CAGCCTGGCC	AACATGGTGA	AACCCCATCT	TTACCAAAAA	TATAAAAATT	AGCCGGGCAT	GGTGGCGTGC	720
ACTTGTAATC	CCAGCTACTT	GGGAAGCTGA	GGCAAGAGAA	TCGCTTGAAC	CCAGGAGACG	GAAGTTGCAG	790
TGAGCTGAGA	TCGTGCCGTT	GCACCTCCAGC	CTCAGCAACA	GAGCGAGACT	CCATCTCAAA	AAAAAAAAAAA	860
AAAAAAAGAA	AAAAAAAGAAA	AAGAGGCTGG	GAGGTCTTAG	GGATTGGGGC	TTCTTTAACT	CCCAGCCTCC	930
CCGCCACCA	AATATTCCCTC	<u>AGTCTCGCT</u> L A	TCTPATCATG S Y H G	GATTCAACT F N L	GTATGTGGAG D V E	GACCTACCA E P T	1000
TCTTCAAGGA	GGATGCAGGC I F Q E	D A G	GGCTTTGGC G F G	AGAGGCTGT Q S V V	GCAGTTGGT Q F G	GGATCTCGGT G S R	1070
CACCCCTCCTT	CCCCAACCTC	CACTACATCA	AGTCCTGTGG	ATGGGTACAC	GTGGGTTACC	CGAGGGAGGT	1140
GTCCTGGAGG	AAGGCCAGCA	GGGGTGAGAA	GTCTTCCCTT	GGCTCCTTGG	AGGCCCTGAC	ATCAGCACCT	1210
ATTATTCTCA	ATCCCAGGAA	AGGCCACAAA	ACTCTAGACA	AGACCCCTACC	TTACCTCGGG	AGGGAAAGCCT	1280
TGAACCTGCC	TCCCAGGCAG	GGCCCACCTTC	TTGGGGCCAG	TATGGTCACA	CAGGGCCAC	ACTCATTAAC	1350
TTGGAGTTT	AATGTTCTGC	CCTTGACCTC	TTGAAATTCC	TGATTATTTT	TATTTTTATT	TTTACTCCAG	1420
CTCTGTTACC	CAGGCTGGAG	TGCAGTGGTG	CAATCACAGC	TTACTGCAGC	CTCAAACCT	CGGGCACAAG	1490
TGATCCTCTC	ACCTCAGCCT	CCTGAATAGC	TGGGACCACA	GGTGCATGCC	ATCATGCCTG	TTTTTTGTTT	1560
TGTTTGTTT	TACTTTTAC	AGAGATGGAG	TCTTGCTATG	TTGTCCAGAC	TGGCTGAAC	CCTGGGCTCA	1630
AGCAATCCTC	CTGCCTTGGC	CTCCCAAAGT	GCTGGGATTA	CAGGTGTGAG	CCACCCGTGTC	TTGCCAATTC	1700
TTAAAAATTT	TATCTGTGCA	TTTGTGTTT	GCAAGTAAAG	AATGATGGCA	GGGCTGGGCA	CCATGGCTCA	1770
CGCCTATAAT	CCCAACSCTT	TGGGAGGCTG	AGGCAGGGCAG	ATCATCTGAG	GCCAGGAGTT	TGAGACCAGT	1840

FIGURE 9 (continued)

TTGGCCAACA	CAGCAAAACC	CCATCTCTAC	TAAAAATGCA	AAAAAAAATTA	GCCGGGCATG	GTGGCAGGCA	1910
TCTGTAATCC	CAGCTACTTG	GGAGGCTGAG	GCAGGAGAAT	CGCTTGAACC	TGGGAGGTGG	AGGTTGCAGT	1980
GAGCCGAGAT	CGTGCCACTT	TACTCCAGCC	TAGGTGACAG	AGTGAGACTC	CGTCAAAAAA	AAAAAGTCAT	2050
GGGAGAAGGG	AGATGTACTG	GGGGTTTGGA	GCCTTAGCTC	AGCAGCAGCC	CCACCTCCCA	CCGCCTCCCG	2120
AAGGGTGGTG	AAGGGGTATC	AGCTGCTGGC	TCCCCCACCC	ATGTGGGAGC	AATGACCGCT	GCTACCTTCC	2190
GCCCCCTGGCA	TGAGCTGGGT	AAAGTCAGTT	AGGGGCGCTC	ACTCTGGGAG	TACCCCGAGG	GAGTGGGACA	2260
CTACATAGCA	AATAAAAAAAC	GTCAGGACAG	GTTGAGGAAA	GAGAGCAGAA	GAAAGGTAAG	AGCCCCCAA	2330
CCCCAAGAGA	CCCCACAGTT	TTATTTCAAA	TTGGGACCCA	CAAATTATGA	ACCTGCCCCC	ACTTCCAGGA	2400
GCTCACATTC	TCCTGTCCCA	GAGAGTTCAA	GTCACAATGT	GACACAGGTG	TCACCAAGGT	CTGGGGGGCG	2470
CAGGCAGGGA	GAGAGCAGAC	CCAGGAGGGT	TCCATGGAGG	AAGTGGTGCT	GGCAGTGAGC	CCCAGTGGAC	2540
AGGAAGGCTC	AGTTGGTCAC	GAGGAGCTAT	AAGAGGTAC	CGAGCTCCAA	CCGCGCACCC	CTCTCCCTTC	2610
CTCATGTGAC	TGGCAGTCTG	GGGGGATGGA	AGCAAGCACC	AGGCACCAGG	CTTTTGTTTT	TCTTTATTTG	2680
GAAATGTGGT	CAAATGAGGT	GCACAAATCT	GAAAGACCCA	ATCTGATAAA	GGATACACAT	GTGCGTGCCT	2750
GGGTGAGCCC	CACCTAGGTC	AGCTGCTCCA	GTGTCAAATC	CCACAGGCAC	AGGGCTGCCG	TGGACCCCTT	2820
CTCATCACCC	AAACATCCCCA	GAGAACCCCT	GGTCAGACTT	CTGTCACCAT	CAGTTTTTG	GGCCACATTT	2890
TAAAAAAAGA	ATACATTGGC	TGAGTGCAGT	GGCTTATGCC	TATAATCCTA	GAACTTGGG	AGGCTGAGGC	2960
GGGTGGATCA	CCTAAGGTCA	AGAGTTCAAG	ACCAGCCTGA	CCAATATGGT	GAAACCTGT	CTCTACTAAA	3030
AAATACAAAA	ATTAGCCTGG	CGTGATGGCA	GGTGCCTGTA	ATCCCAGCTA	GCTGGGTGAC	TGAAATAGGA	3100
GATTTGCTTG	AACCTGGGAG	GTGGAGGTTG	CAGTGAGCTG	AGATCACGCC	ATTGCACTCC	AACCTGGGTG	3170

FIGURE 9 (continued)

FIGURE 9 (continued)

CTTCTGCCTC	CAGGCCGTGTG	GCCCCACACT	GCAAGAGAGTC	TGTGGGGAGA	ACATCATACTC	AAGGGTTCC	4570
	A C	G P T L	H R V	C G E	N S Y S	K G S	
TGCTCTCTTC	TGGGCTCGCG	CTGGGAGATC	ATCAGACAG	TCCCCGAGC	CACGCCAGGT	AGGTCCCTGG	4640(1700)
C L L	L G S R	W E I	I Q T	V P D A	T P E	Intron	
CAGGCCATGG	TTCCCTGTGG	AGCACATGCT	GGCACTGAGG	GTGAGCAGGC	GTGAGGCCTG	TGTCTGGGCC	4710 (4267)
CCTGTGCCCT	CCCTGGAGGG	CCGAGTGTGG	CTAGGAGAGA	AGCCAGGAGA	AGAGGGTGGC	TCAGGCAGGA	4780
GCCCTGCTGC	TCCAGGGTAG	AAGTTCTTG	CAGGGTTTTT	CTTTATATT	TTTTCTTTT	AAGACAGGGT	4850
CCCTGCCAGG	CACAGTGGCT	CAGGCCTGTA	ATTCCAGCAT	TTTAGGAGGC	TGAGGTGGC	GGGATCACCT	4920
GAGGTCAGGA	GTTCGAGACC	AGCCTGGCCA	ATGTGGTGAA	ACCCCTCTAC	TAAAAATACA	AAACAAAACA	4990
AAACAAAATA	GCAGGATGTG	GTGGTGTGCG	CCTGTAATCC	CAGCCACTCG	GGTAGGCAGA	GACAGAAGAA	5060
TCGCTTGAAC	CCAGGAGGCG	GAGGTTGCAG	TGAGCTGAGA	TTGTGCCATT	GCACTCCAGC	CTGGGTGACA	5130
AGAGCAAAAC	TCCATCTCAA	AAAAAAAAAA	AAAACAAAAA	ACAGAGTTTC	TGTCAGGCTG	CATGCACCAC	5200
CACACCTG	TAATTTTTT	GAGACAGAGT	CTTGCTCTGT	CGCCCAGGCT	GGAGTGCAGT	GGTGCAATCA	5270
TAGCTCACTG	CAGCCTCGAA	CTCCTGGGCT	CAAGTGATCC	TCCTCCCTTA	GCCTACTGAG	TAGTTGGGAC	5340
TGCAGGTACA	TGCATCACAC	CTGGCTAATT	AAAAAAAATG	TTTTGTAGA	AATGGGGTC	TTGCTATGTT	5410
ACCCAGCCTG	GTCTTGAECT	CCTGGGCTCA	AGTAATCCTC	TGCCACAGCC	TCTCAAAGTG	TTGGGATGAC	5480
AGGCATGAGT	CCTTGTGCCT	GGCCTGAGGG	ATGAAAGTTC	TGATGGAGGC	AGAGAGGAGC	CCCACTGTGC	5550
GGGCTGTAGA	GGGCACAGCA	TCTTCCAGTT	GCCAACAGGT	GCATGGCCAC	TTCTTGAGTT	TCAGAGGAAG	5620
GACCTTAGTG	TGGTAAAGAA	CGTGGTGAGG	AAGATAAAC	CATGAGGGAG	GTGTTCTTC	TGGATGGTTC	5690
ACTGCTGAGC	TTCCAGGATT	CCCCAAACTA	ACTTCCTCT	CGAAGAGGAG	CAAATGACAG	GGCTGCGGAA	5760
AATGCGATGT	GCAATTGT	CAGTCCCCAT	GTCTTCCACA	GAGAACAGGG	CCTGGGACA	CCACCATGAC	5830

FIGURE 9 (continued)

ATCTCTCTGA	GGGTTGGTCT	GCATCATGGT	GGTTCCCAAG	TTTGTTCCTCC	ATGGGCACCA	GGCTTCATTC	5900
CCTTGAAGCT	TCATTCCCTC	AAAGCCATTC	AGTTTCCTCA	TTGGTAAAAT	AGAGCTCAAT	AATCAGGGGG	5970
TTATGAAGGT	GAAAGGGATT	GAGGTGCATA	AAGCACTTGG	AACCCTGCCT	GGCACATAGT	ATGTGATAGC	6040
CCCTCTGACC	CATCTTCCAG	CTGGGGACTG	CATGCTGGGA	CTGGGAGGAA	GATACAGGCA	AACTGTCTCA	6110
TCTGCCGTGT	GAGAGGGAAT	GCCAGGGGCC	GCTCAGGGTG	CTGACCGAGG	GTGGGGCTTC	AGACCAGAGA	6180
GGCCATGATG	ACAGGCATGC	TGGGCCTTA	GACAAAGGTG	GAGCAGCAGC	AGAAACATTA	CCAGAGCAAA	6250
TGGTGAGGGT	GGAGTCTATG	GAGGGGACCA	AGGGAAGGGG	GAAGGGACAT	CCAGGGTTCT	TGGGGGGACC	6320
GTGCCAGGCC	TGAGATGTCT	GTGAAGCTAG	GTTAGGGAGG	TGGCACTTAA	AAACAAGGGG	TAAATGCTTT	6390
CTCACAGCCA	TCCGTGGAAC	TCATGAGGTG	GGATGCCTGA	TGCAAATGGG	ACTGGAGCAC	AAAACTGGTG	6460
CAGGCAAGGG	GGGTGTGGGT	CCAAGTAGAA	GGGACCAGGG	TCCACTGAGG	ATCACCTGTG	TGCCAAGCAG	6530
TGCTGAATAC	CTGGTATGAA	TCACCTTATT	GCATCCTCAC	AACATCCTGG	GTGGTGGGCA	GGCCCATTCT	6600
CATTTTACAG	ATATGAAAAC	CAAGGTTTAG	ATAGATGAGT	TCCATCGATA	GCAAGAGGCA	GAGCCAGAG	6670
CTTGAGCCAT	CCTTGCCTGA	TTGGTGGGGT	CCTTTTCAA	AAGGATAAGT	CCAGGCTTCT	GCTAGTGGGA	6740
GACCAGGGGA	TACAATAAAA	AGACCAAGAA	ACAGAAGAGA	CATTGTGAGA	GGATTTGCCA	CAGACCTGGC	6810
CTGAGAGAGG	ATGAGAGGGT	GGTTCTTGA	CGCAGCTGAA	AAAACAGGCA	CCACTGCAAG	ATGTTGGCTG	6880
CCCAGATGTG	GGCAAAAAAC	GGGGAGCTCC	TGGGGGGATC	TGCAGCCTGC	CCCATGGATG	TCAAGATTG	6950
CTGGTGATTG	AAGAACGAGG	AAGGAAGTGA	CCTTCTGTTT	CTCCCCAGCA	CCCTTGAAGC	ACCAGTGGTT	7020
GAGCAAGTGG	GGTAGGGGAG	AGGAAAGAGG	AAAAGGCATT	TTTTTTTCT	GCAGTGGTGG	GCAGGGGGCA	7090
GAAACCACAG	CCCTGTGGTG	TGGGCCTCAC	ACCTTAGTGC	TCTGGTGGCC	TGATCTCCCA	GTGCCCTGCG	7160

FIGURE 9 (continued)

GGCAGCACAG	GATGTGGCTG	CTGGTGGAGG	TACCAAATGG	GCCCTGAACA	CAGGCCACAC	ACCCCCCATG	7230
AGCCTGGGA	CAGCATGAAA	AGTCTTATTT	GTTCATGTGG	ATATGATGTG	CCCTCACGAT	TGCAGAGTGA	7300
ACTCCACAAA	CTCTGAGGTA	ACTTGGGAAT	GTTCTTTTTT	TTTGAGACGG	AGTCTCACTC	TGTCGCCAG	7370
GCTGGAGTGC	AGTGGCACAA	TCTTGGCTCA	CTGCAGCCTC	CACCTCCCAG	GTTCAAGTGA	TTCTCCTGCC	7440
TCAGCCCCCC	AAATAGCTAG	GATTACAGGC	ACCGCCACCA	TGCCGGGCTA	ATTTTTTTGT	ATTTTTAGTA	7510
GAGATGGGGT	TTCACCATGT	TGGCCAGGCT	GGTTTGAAAC	TCCTGACCTC	AAGTAATCCG	CCCACCTCAG	7580
CGTCCCAAAG	TGCTAGGATT	ACAGGGCGTGA	GCCACCACTC	CCAACTGGGA	ATATTCTTGG	GCACCGCACC	7650
CATGGGAGCA	TGAAGGGTGG	ATGCAATGCA	ATCATAACAG	AGGCCAAGG	TCAGCACTGG	GGTGCTTGCC	7720
TGTATCCCA	GTGCTTTGGG	AGGCCGAGGT	GAGTGGATCG	TTAGAGCCA	GGAGGTTGAG	ACCAGCCTGG	7790
GCAACATGGC	GAAACTCCCT	CTCTACAAAAA	AGATACAAAAA	ATTAGCCAGG	CAAGGTGGTG	CACACCTGTA	7860
GTCCCAGCTA	CTCAGGAGAC	TGAGGTGGGA	GAATTGCCTG	AGCCTGGGA	GGTCGAGGCT	GCACTGACCT	7930
GTGATCACAC	CACCAACACTC	CAGCCTGGGT	GACAGTGAGA	CTCTGCCTCA	AAAAAACAAA	AAATGAAAAAA	8000
ACCAGAGGCC	TCAGCCAATG	CCTGGGGGGC	TCAGAGTGCA	GCTGGCCCTT	CAGACGCTGA	ACCAGTCATC	8070
GGTAAAGGTT	TCCTCCAGGG	GCAGGGAGGTG	TCCCAGTGGG	CAACAGTTCC	CCTCTGCCTA	GGGTGATTCC	8140
TGGGAAGGGA	CTCAGCTCAG	AGCCAACCTCC	ACGTAGCTGG	AAATAAGGAC	CTCTGACCGA	CTGGGGTAG	8210
GGTGGGGTCT	GGGGTGGATC	CCTGCCAC	CCCCACAGCA	TCCCTACAGG	CATATCCTAC	AGGCCTCGAA	8280
GGTGCCTGGC	ACGTGGTGAG	AATGGTGCCA	GCGGCTGACC	CTGGCAGAGG	GCCAGGACTT	GTCTCCAGCA	8350
CCCATGTGCG	TGTTGTTTA	TCCTTGCAGT	GATCCCACGT	GGTAGCCACT	GATATTACCT	TCATTTACA	8420
GATAGGGACA	CTGAAGTCCA	GAGAAGTTAA	GTAATGTGCC	TGAATTCAAC	AATTAGCAGC	TGGCTGAGCT	8490

FIGURE 9 (continued)

TATATTATTT	GTAGGGCTTC	AAAACACATG	GGAAATGGTT	TGTAATCCA	AAATAATTCC	AAAATAAAGT	8560
TTATTAACAC	TGAAAACAAT	ATGGCTTGGT	GTGGTGGCTC	ACACCTGTAA	TCCCAGCACT	TTGGGAGGCT	9960
NGAGGTGGGA	GTATTGCTTG	AGGCCAAGAG	TTCGAGACCA	GCCTGGCAA	CATAGTGAGA	CCTTGTCTCT	10030
ACCAAAACAA	AAACAAAACA	AAAAACAAAG	CCAGGCATGT	GACGTGTGCC	TGTAGTTCCA	GCTACTTGGA	10100
GGCTGAGGCA	GGAGGATCAC	TTGAGGCCAG	GAGTTTGAGA	GACCCTGTCT	CTACAAAAAA	TTAAAATAAA	10170
AACAATAGTA	ACAGGCACTG	AGCCCTGGC	CCTCCCCACT	GGCCTTGCA	<u>GTTTGCACTG</u>	ATGCACTACT	10240
S N L L	K I H	F T F	T Q F R	T S P	S Q Q S	L V D	10310
CAAACTCTCT	GAAGATCAC	TTAACCTTC	CCCAAATTCTCG	GACCAAGCCG	AGCCAGCAGA	GCCTGGTGG	10380
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